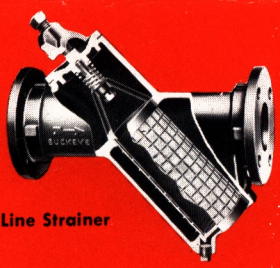
Foot Valve

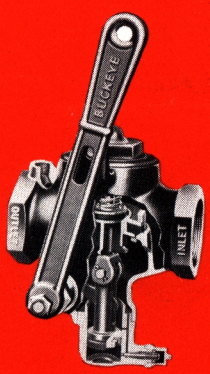
PLANT FACILITIES...

Buckeye Iron & Brass Works offers a complete metal fabricating service from design to finished product. Buckeye products, mainly valves and fittings for the marketing of petroleum, are and have always been widely diversified. A few of the many items successfully manufactured and sold by our independently owned and operated company are shown here. Up-to-date production methods, modern production equipment and production personnel skilled in the application of each are responsible for Buckeye's enviable position today. Our Dun & Bradstreet rating is A + A1. Our production excellence is proved by our reputation, and by the receipt of the Maritime "M" Award with four gold stars for defense work during World War II. And just as in the last war, we're working closely today with Air Materiel Command, Quartermaster Corps, Ordnance, U. S. Engineers and the Navy Department. Our qualifications are listed for your benefit on the next three pages.



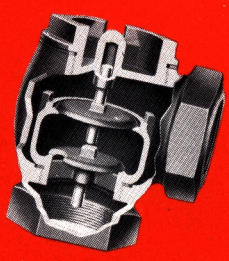
Line Strainer

Refueling Nozzle

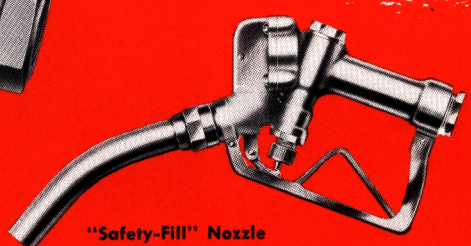


Line Loading Valve

Gate Valve



Angle Check Valve



"Safety-Fill" Nozzle

Truck Tank Faucet

Buckeye

BUCKEYE IRON & BRASS WORKS

DAYTON, OHIO

NON-FERROUS FOUNDRY

Capable of handling up to 12,000 lbs. of brass (or its equivalent in aluminum) per shift. Small, modern and flexible—ideally suited for the development and use of special alloys. More than 80 different special alloys have been poured, and complete specifications on each are available.

MODERN MACHINE SHOP

Equipped to handle steels in the #1000 and #1100 groups, cast or malleable iron, aluminum and brass. Tolerances held up to plus or minus .001", threads in class #1, #2 and #3.

TOOLROOM

Completely equipped for precision tool work, Buckeye's toolroom is staffed with highly skilled men—1 designer and 6 experienced toolmakers. Combined toolmaking experience of all toolroom personnel—166 years.

ASSEMBLY DEPARTMENT

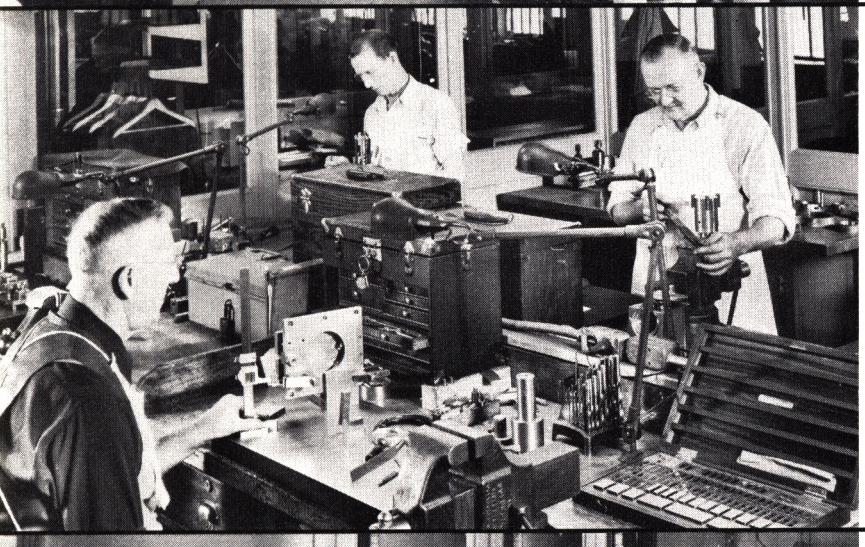
Equipped and geared for high production runs on intricate assemblies. Experienced assembly personnel skilled in the use of small hand tools and testing equipment.

CORE ROOM — Drawer-type Coleman ovens, thermostatically controlled . . . Demler core-blowing machines . . . bench core-making facilities.

FOUNDRY — 12 Tabor jolt squeezers (molding machines) . . . bench-molding facilities . . . 6 Gas Furnaces convertible to fuel oil, using #70 crucible . . . 2 Detroit Electric Furnaces, 400 lb. capacity each . . . complete cleaning and pressure testing equipment.

EQUIPMENT

Brown & Sharpe Milling Machines . . . #3 and #4 Spindle Gang Drills . . . 6″, 8″ and 11″ Semi-Automatic Goss and De Leeun Chucking Machines . . . Hand Mills . . . #1-A and #2-A Warner & Swasey . . . #5 Warner & Swasey . . . #3 Warner & Swasey . . . #2 and #3 Electro-cycle Warner & Swasey . . . 4-foot and 3-foot Radial Drill 8 ft. and 10 ft. Niles Vertical Boring Mills . . . 36″ and 48″ Planers . . . and others.



EQUIPMENT

Engine Lathes . . . Milling Machines . . . Shapers . . . Drill Presses . . . Grinders . . . and others. Heat Treating facilities available.

EQUIPMENT

Hydrostatic testing equipment . . . pneumatic hand tools . . . electrical hand tools . . . grinders . . . and others.

ENGINEERING DEPARTMENT

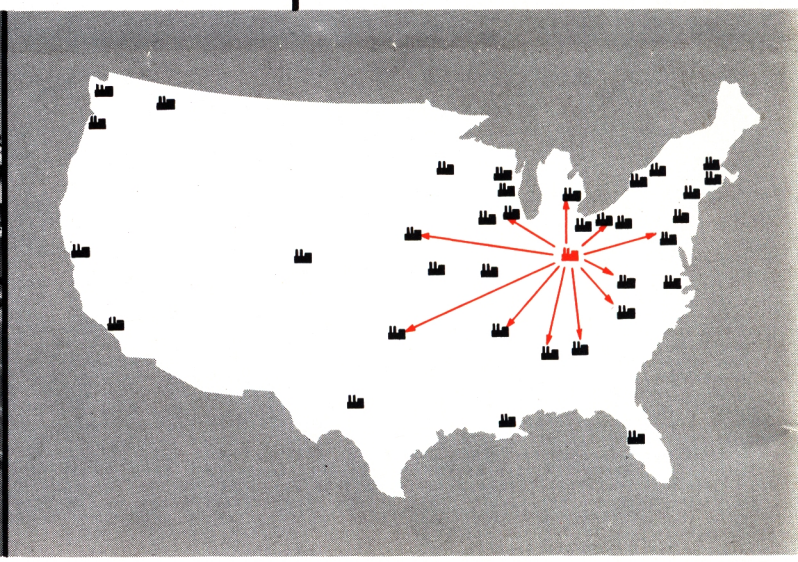
Buckeye's engineering department offers complete design, detail and reproduction facilities. Personnel experienced in all phases.

WOOD & METAL PATTERN SHOP

Complete patternmaking facilities. Seven skilled patternmakers, three in wood pattern and four in metal pattern. Equipment includes lathes, grinders, sanders, shapers, saws and drills. Buckeye's pattern shop has been in service for over 50 years.

PLANT LOCATION

Buckeye's location in the heart of the industrial Midwest—with full transportation facilities available—insures prompt shipment to points all over the country.



ADDITIONAL PLANT FACILITIES

1. 90,587 square feet of floor space.
2. Materials Handling Equipment—fork trucks, etc.
3. Efficient Production Control System.
4. Plant Air Compressor System—pressures up to 80 lbs.
5. Plant Railroad Siding.
6. Constant Steam Supply System.
7. Adequate Water Supply.
8. High Voltage Electrical System—110, 220 and 440.

LITHO IN U.S.A.

BUCKEYE IRON & BRASS WORKS

BOX 883, DAYTON 1, OHIO